

SUBJECT INDEX

Vol. 126C, Nos. 1-3

- Accumulation, 175
- Acephate, 79
- Acetylcholinesterase activity, 79
- Adenylyl cyclase, 11
- Adipocyte, 11
- Adipose tissue, 11
- β 1-Adrenoceptor agonist, 123
- Adrenocorticotrophic hormone (ACTH), 129
- Age, 293
- Aldehyde oxidase, 53
- Alkaline phosphatase, 253
- Allium constituents, 195
- Allyl mercaptan, 195
- Alternative pathway, 209
- Amino acids, 79
- 5-Aminolevulinic acid, 245
- Amodiaquine, 217
- Angiotensin II, 123
- Animals, 69
- Antibodies, 235
- Antimalarials, 217
- APB, 139
- Aquatic invertebrates, 175
- Aryl hydrocarbon nuclear translocator, 305
- Aryl hydrocarbon receptor, 305
- Aryl sulfotransferase, 225
- Ascorbic acid, 293
- Aspartate aminotransferase, 253
- Benzaldehyde oxidase, 53
- Benzo(a)pyrene, 285
- Beta 3 adrenergic receptor, 11
- Beta-adrenergic receptor, 11
- Beta adrenergic receptor subtypes, 11
- Bile duct ligation, 105
- Bioaccumulation, 61
- Biodistribution, 167
- Biomonitoring, 61
- Biotransformation, 267
- Blood parameters, 45
- Bone, 61
- Bufo arenarum*, 253
- Cadmium, 21, 113
- Captopril, 123
- Carassius auratus*, 259
- Carboxy esterase, 225
- Catalase, 203
- Cervidae, 61
- Cetacean, 267
- Chemotactic selection, 1
- Chemotherapy, 39
- Chick embryo, 305
- Chickens, 187
- Cholesterol secretion, 195
- Cholesterol synthesis, 195
- Common merganser, 285
- Copper, 21, 113
- Corticosterone, 129
- Cyclosporin A, 175
- CYP1A, 267
- CYP1A1, 305
- CYP1A4, 305
- CYP1A1, 235
- CYP2B, 267
- Cyprinidae, 113
- Cytochrome *b*₅, 29
- Cytochrome P450, 105
- Cytochrome P-450, 29, 285
- Cytochrome P450, 225
- Cytochrome P4501A4, 305
- Cytotoxicity, 39, 195
- Dehydration, 129
- Development, 253
- Diallyl disulfide, 195
- Diallyl trisulfide, 195
- Dobutamine, 123
- Drug oxidation, 217
- Echinoid, 153
- Efflux, 175
- Embryos, 253
- Enalapril, 123
- Endocrine effects, 79
- Endothelin-1, 123
- Environmental pollution, 61
- ERG, 139
- EROD, 29
- Estradiol, 153, 321
- Estrogen, 321
- Ethoxyresorufin *O*-deethylase, 235
- Evolution, 1
- Excretion, 259
- Fenthion, 259
- Fenthion oxon, 259
- Fenthion sulfoxide, 259
- Ferrochelataase, 245
- Fish, 113, 235
- Flavin-containing monooxygenase, 225
- Fluoride, 61
- Frog, 139
- Fucoidan, 209
- Ganglion cells, 139
- Gluconeogenesis, 187
- γ -Glutamyltransferase, 253
- Glutathione, 217
- Glutathione peroxidase (GSHPx), 203
- Glutathione *S*-transferase, 225
- Glycinergic, 139
- Glycolysis, 187
- Goldfish, 259
- Gonad, 153
- Growth, 253
- Growth hormone, 299
- Halofantrine, 217
- [³H]Cholesterol, 167
- HEL, 245
- Hemoglobin, 29
- Hemolysis, 209
- Hep-G2 cell, 195
- High sugar levels, 253
- HL60, 245
- Hormonal imprinting, 1
- Hormones, 1
- Human, 69
- Human complement, 209
- 2-Hydroxypyrimidine oxidase, 53
- Hypertrophy, 123
- Hypothalamic-pituitary-adrenal (HPA) axis, 129
- Hypothalamus, 321
- Immunoblotting, 235
- Inhibition, 209
- In vitro culture, 39
- In vitro secretion, 299
- In vivo metabolism, 259
- Iron, 21
- Isoproterenol, 123
- Jurkat, 245
- Kidney, 21, 105
- Laminaran, 209
- Larvae, 253
- Leaping mullet, 235
- Leishmania*, 39
- Lipid peroxidation, 21, 203, 217
- Lipid peroxide, 293
- Lipofuscin, 293
- Lipolysis, 11
- Liposomes, 167
- Liver, 21, 105, 113
- Liver cytosol, 53
- Liver microsomes, 29, 285
- Lizard, 293
- Liza saliens*, 235
- Lungs, 293
- MAA accumulation, 91
- Mallard, 285
- Mandible, 61
- Mefloquine, 217
- Mesocetoides corti*, 167
- Metabolism, 79, 153, 267, 285
- Metallothionein, 21
- Metallothioneins, 113
- Methamidophos, 79
- Methoxyresorufin *O*-demethylase, 235
- Microsomal epoxide hydrolase, 225
- Microsomal lipids, 217
- ML2, 245
- Monkey, 53
- Monoamine oxidase-B, 69
- Morphometry, 1
- Muscle hypertrophy, 45
- Mycosporine-like amino acids, 91
- NCR activity, 29
- Negative feed-back, 299
- Neotropical fish, 29
- N*¹-Methylnicotinamide oxidase, 53
- Noradrenaline turnover, 129
- Northern blot, 225
- Oncorhynchus mykiss*, 299
- Organophosphorus pesticide, 259
- Oviparous model, 253

Subject Index

- Oxidative stress, 217
Oxidative stress (Rat), 105
- P450, 267
PCB, 267
Pea seedlings, 69
Perifusion, 299
Persistent hypoglycemia, 187
Photodynamic therapy, 245
Phthalazine oxidase, 53
Phytomonas, 39
Pig, 69
Pituitary, 299
Plasma, 69
Plasma metabolites, 187
Pollution, 175
Polycyclic aromatic hydrocarbon (PAH), 285
Praziquantel, 167
Progesterone, 153
Protoporphyrin IX, 245
Purification, 53
- Radioreceptor assay, 321
Rainbow trout, 299
- Rat, 69, 129
Receptor, 321
Reconstitution, 235
Renin-angiotensin system, 123
Reproduction, 153
Retina, 139
Rhodamine, 175
Roe deer (*Capreolus capreolus*), 61
Rutilus rutilus, 113
- Salbutamol, 45
Sea hare, *Aplysia dactylomela*, 91
Seasonal variations, 203
Semicarbazide-sensitive amine oxidase, 69
Sex hormone, 321
Signaling, 1
Skeletal muscle, 11
Species-specific MXR activity, 175
Spectrofluorimetry, 113
Starvation, 129
Steam-distilled garlic oil, 195
Stereoselectivity, 285
Steroid, 321
Steroids, 153
- Structure, 217
Submandibular gland, 123
Sulfated polysaccharides, 209
- TCDD, 305
Testosterone, 153
2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, 305
Tetrahymena, 1
Tissue injury, 21
Tissues, 69
Toxicity, 79
Trout, 321
Trypanosoma, 39
- UDP-glucuronosyltransferase, 225
UV protection, 91
- Vasopressin (AVP), 129
Verapamil, 175
Vinyl-dithiin oil of garlic, 195
- Waterfowl, 285
- Zinc, 113

AUTHOR INDEX
Vol. 126C, Nos. 1-3

- Affonso, E. G., 29
 Ágústsson, T., 299
 Akiba, Y., 187
 Allison, C. M., 321
 Arinç, E., 235
- Balaña-Fouce, R., 45
 Barp, J., 203
 Bartošová, J., 245
 Belló, A. A., 203
 Belló-Klein, A., 203
 Bhaggoe, U. M., 69
 Biagianti-Risbourg, S., 113
 Björnsson, B. Th., 299
 Boomsma, F., 69
 Bouhuizen, A. M. B., 69
- Carefoot, T. H., 91
 Cepero, M., 45
 Chida, Y., 187
 Cho, B. H. S., 195
 Csaba, G., 1
 Cubría, J. C., 45
- da Silva, M. F. E., 29
 Degterev, I. A., 29
 Drahushuk, A. T., 285
- El Fazaa, S., 129
 Elyakova, L. A., 209
 Emerole, G. O., 217
 Entrala, E., 39
- Farombi, E. O., 217
 Fernández-Ramos, C., 39
 Fouley, A., 113
 Francini, F., 253
 Fujitani, M., 53
- Gagliardino, J. J., 253
 Gharbi, N., 129
 Giboda, M., 167
 Gower, B. A., 153
 Guajardo, V., 105
- Hahn, M. E., 267
 Hayashi, K., 123
 Heid, S. E., 305
 Hines, G. A., 153
 Honey, S., 285
 Hrčková, G., 167
 Hrkál, Z., 245
- Iwamoto, K., 123
- Jena, B. S., 293
 Jinno, N., 259
 Junqueira, V. B. C., 29
- Kadota, T., 259
 Kamataki, T., 225
 Kamoun, A., 129
 Karentz, D., 91
 Kato, H., 225
 Katsuma, Y., 53
 Kierdorf, H., 61
 Kierdorf, U., 61
 Kitamura, S., 53, 259
 Kizawa, Y., 123
 Kōhidai, L., 1
 Krasowska, A., 21
 Krča, S., 175
 Kubota, M., 225
 Kumar, S., 285
 Kупenova, P., 139
 Kurelec, B., 175
 Kusama, T., 123
- Laszkiewicz-Tiszczenko, B., 21
 Leitão, M. A. S., 29
 Llesuy, S., 203
 Luk'yanov, P. A., 209
 Luque, F., 39
- Majhi, S., 293
 Meirelles, N. C., 29
 Mills, S., 11
 Mitova, L., 139
 Morgan-Martins, M. I., 203
 Murakami, H., 123
 Mushiroda, T., 225
- Nagata, O., 225
 Nakagawa, T., 225
 Navarro, J. A., 39
 Nazarova, I. V., 209
 Nunoya, K.-i., 225
- Ohta, S., 53, 259
 Ohtsu, H., 187
 O'Keefe, P., 285
 Olowu, B. I., 217
 Olson, J. R., 285
 Omeljaniuk, R. J., 321
 Ordóñez, C., 45
 Ordóñez Escudero, D., 45
 Orellana, M., 105
- Paris-Palacios, S., 113
 Patnaik, B. K., 293
 Pennings, S. C., 91
 Pérez-Pertejo, Y., 45
 Picasso, M., 253
 Pivčević, B., 175
 Popova, E., 139
- Rantin, F. T., 29
- Rebolledo, O. R., 253
 Reguera, R., 45
 Rodrigo, R., 105
 Romero, M. A., 39
 Rosales, M. J., 39
- Saito, K., 123
 Salas, J. M., 39
 Salibián, A., 253
 Sánchez-Moreno, M., 39
 Sano, M., 123
 Sato, K., 187
 Sauerborn, R., 175
 Schiess, N., 1
 Schleizinger, J. J., 267
 Scobun, A. S., 209
 Şen, A., 235
 Shea, D., 267
 Shevchenko, N. M., 209
 Shintani, H., 53
 Sikka, H. C., 285
 Singal, P. K., 203
 Singh, A. K., 79
 Smital, T., 175
 Smith, S. M., 305
 Somody, L., 129
 Spassova, D., 79
 Stegeman, J. J., 267
 Sugihara, K., 53
 Swanson, H. I., 305
- Takahara, E., 225
 Takahashi, K., 187
 Thielemann, L., 105
 Toyomizu, M., 187
- van den Meiracker, A. H., 69
 van Dijk, J., 69
 Velebny, S., 167
 Vercesi, A. E., 29
 Vernet, G., 113
 Vitanova, L., 139
- Walker, M. K., 305
 Wasson, K. M., 153
 Watts, S. A., 153
 White, R. D., 267
 White, T., 79
 Włostowski, T., 21
- Xu, S., 195
- Yokoi, T., 225
 Yoshida, M., 259
 Young, C. L., 91
- Zvyagintseva, T. N., 209



